

SUPPLEMENTAL AMENDMENT
U.S. Appln. No. 09/295,329

REMARKS

Claims 1-26 are all the claims pending in the application.

Claims 24 and 25 have been amended to include the subject matter of the claims from which they formerly depended.

If any points remain at issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the local exchange number listed below.

Applicants hereby petition for any extension of time which may be required to maintain the pendency of this case.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

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PATENT TRADEMARK OFFICE

Date: January 6, 2003

SUPPLEMENTAL AMENDMENT
U.S. Appln. No. 09/295,329

APPENDIX
VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

The claims are amended as follows:

Claim 24 (three times amended). A positive photosensitive resin composition comprising:

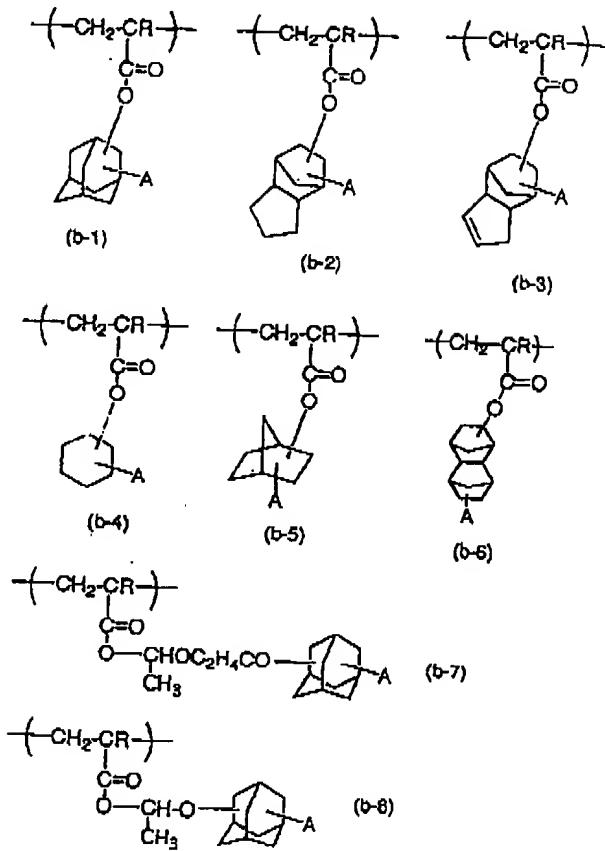
- (A) a polymer which has bridged alicyclic hydrocarbon skeletons and decomposes by the action of an acid to thereby become alkali-soluble,
- (B) a compound which generates an acid upon irradiation with actinic rays,
- (C) a nitrogen-containing basic compound, [and]
- (D) at least one of a fluorine-containing surfactant and a silicon-containing surfactant, and

(E) a solvent;

wherein the ratio of (B) to (C) by weight is from 5 to 300 and the ratio of (A) to (D) by weight is from 500 to 20,000 and

wherein said polymer which has alicyclic hydrocarbon skeletons and decomposes under the action of an acid to become alkali soluble contains a repeating unit selected from the group consisting of repeating units having the structural formulas (b-1) to (b-8):

SUPPLEMENTAL AMENDMENT
U.S. Appln. No. 09/295,329



wherein A is selected from the group consisting of hydrogen, hydroxyl, a carboxyl group, an alkoxy carbonyl group, a substituted or unsubstituted alkyl group having from 1 to 10 carbon atoms, a substituted or unsubstituted alkoxy group having from 1 to 10 carbon atoms, and a substituted or unsubstituted alkenyl group having from 1 to 10 carbon atoms; and R is selected from the group consisting of hydrogen and a substituted or unsubstituted alkyl group having 1 to 3 carbon atoms.

SUPPLEMENTAL AMENDMENT
U.S. Appln. No. 09/295,329

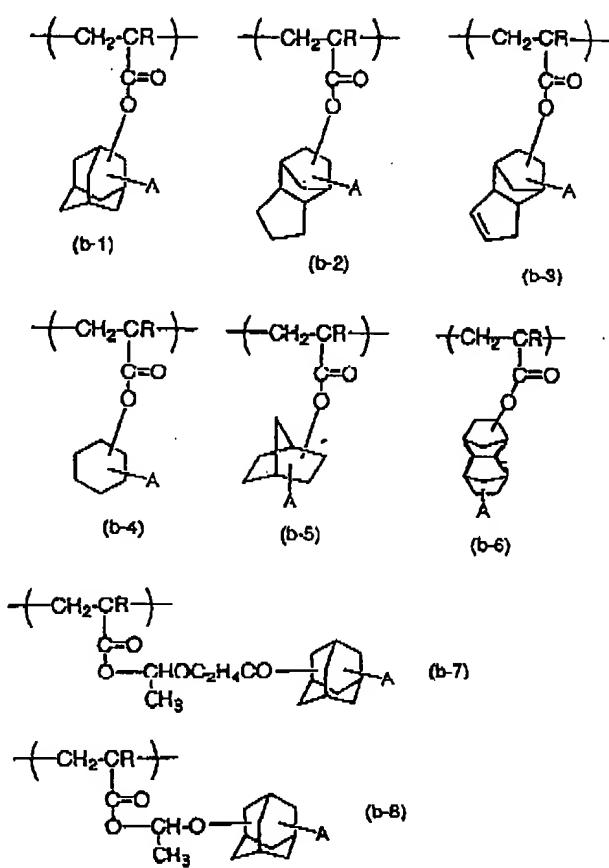
Claim 25 (three times amended). A positive photosensitive resin composition comprising:

- (A) a polymer which has alicyclic hydrocarbon skeletons and decomposes by the action of an acid to thereby become alkali-soluble,
- (B) a compound which generates an acid upon irradiation with actinic rays,
- (C) a nitrogen-containing basic compound, [and]
- (D) at least one of a fluorine-containing surfactant and a silicon-containing surfactant, and
- (E) a solvent comprising as a first solvent at least one solvent selected from the group (a) in an amount of 60 to 90 % by weight based on the total solvent and as a second solvent a solvent selected from the following group (b) in an amount of 10 to 40 % by weight to the total solvent; the group (a) consisting of ethyl lactate, propylene glycol monomethyl ether acetate, propylene glycol monomethyl ether propionate, methyl 3-methoxypropionate and ethyl 3-ethoxypropionate, and the group (b) consisting of solvents having a viscosity of not higher than 1 centipoise at 20°C;

wherein said polymer which has alicyclic hydrocarbon skeletons and decomposes under the action of an acid to become alkali soluble contains a

SUPPLEMENTAL AMENDMENT
U.S. Appln. No. 09/295,329

repeating unit selected from the group consisting of repeating units having the structural formulas (b-1) to (b-8):



wherein A is selected from the group consisting of hydrogen, hydroxyl, a carboxyl group, an alkoxy carbonyl group, a substituted or unsubstituted alkyl group having from 1 to 10 carbon atoms, a substituted or unsubstituted alkoxy group having from 1 to 10 carbon atoms, and a substituted or unsubstituted alkenyl group having from

SUPPLEMENTAL AMENDMENT
U.S. Appln. No. 09/295,329

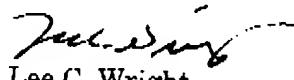
1 to 10 carbon atoms; and R is selected from the group consisting of hydrogen and a substituted or unsubstituted alkyl group having 1 to 3 carbon atoms.

CERTIFICATION OF FACSIMILE TRANSMISSION

Sir:

I hereby certify that the above identified correspondence is being facsimile transmitted to Examiner Y. THORTON at the Patent and Trademark Office on January 6, 2003 at 703-872-9493.

Respectfully submitted,


Lee C. Wright